Calculation of Lubricant Coverage and Plug Size

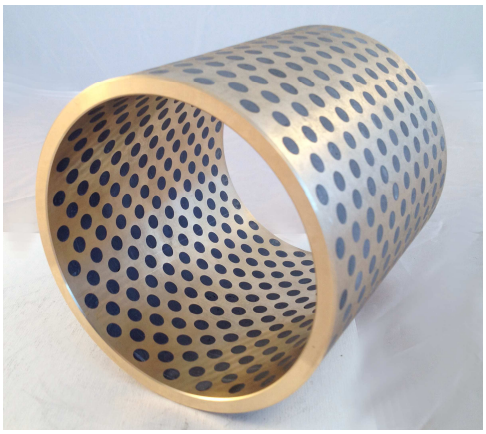
Percentage of Graphite or Solid Lube Coverage

Drill Size	10 %	15%	20%	25%	30%	35%	40%	45%	50%
3/16	8.95	13.43	17.9	22.38	26.85	31.33	36.81	40.28	44.5
1/4	5.03	7.54	10.05	12.57	15.08	17.6	20.11	22.62	25
5/16	3.22	4.83	6.44	8.05	9.66	11.27	12.88	14.49	16.1
3/8	2.23	3.35	4.47	5.59	6.7	7.82	8.94	10.06	11.1
7/16	1.64	2.46	3.28	4.1	4.92	5.75	6.57	7.39	8.2
1/2	1.26	1.89	2.51	3.14	3.77	4.4	5.03	5.66	6.28

1. Choose the appropriate drill or plug size.
2. Locate the desired solid lubricant coverage.
   Use factor number opposite drill or plug size.
3. Multiply bushing ID x bushing length.
   Multiply factor number to obtain the number of holes or plugs.

Example: 2″ ID x 2-1/2 OD x 2″ Length

1. 1/4 plug diameter
2. 35% coverage from chart 17.6
3. 2 x 2″ length x 17.6 + 70 drilled holes or plugs.



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